



ATTACHMENT A

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) An isolated antibody that can bind to the propeptide of the Int1p protein of *Candida albicans* having the amino acid residues 1-263 of the amino acid sequence of amino acids 1-263 of SEQ ID NO:1.

2. (Canceled)

3. (Previously Presented) The isolated antibody according to claim 1 wherein said antibody is capable of preventing the cleaving of the propeptide.

4. (Previously Presented) Isolated antisera containing the antibody according to Claim 1.

5. (Withdrawn) A method of treating or preventing an infection by a microorganism expressing the Int1p protein comprising administering an effective amount of the antibody according to claim 1 to a human or animal patient.

6. (Withdrawn) A method according to claim 5 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.

7. (Withdrawn) A method according to claim 5 wherein the antibody is raised to a portion of the propeptide of Int1p effective to generate an immune response.

8. (Withdrawn) A method for treating patients exposed to *Candida albicans* in the presence of heparin, the method comprising:

administering the antibody according to claim 1 to a human or animal patient in an amount effective to bind with the heparin and to reduce or eliminate the activation of the Int1p protein.

9. (Previously Presented) A pharmaceutical composition comprising the isolated antibody according to claim 1 and a physiologically acceptable carrier, vehicle or diluent.

10. (Canceled)

11. (Previously Presented) A diagnostic kit comprising the antibody according to claim 1 and means for detecting binding by that antibody.

12. (Canceled)

13. (Canceled)

14. (Canceled)
15. (Canceled)
16. (Withdrawn) A method of treating or preventing an infection by a microorganism expressing the Int1p protein comprising administering an effective amount of the antibody according to claim 12 to a human or animal patient.
17. (Canceled)
18. (Withdrawn) An isolated peptide selected from the group consisting of the propeptide region at amino acids 1-263, the Catalytic domain 1 at amino acids 435-639, the Catalytic domain 2 at amino acids 738-949, and the Processing domain motif at amino acids 1022-1236 of the amino acid sequence depicted in Fig. 1.
19. (Withdrawn) A method of generating an antibody comprising introducing a peptide according to claim 18 in a host capable of generating antibodies thereto.
20. (Withdrawn) An isolated nucleic acid sequence coding for the peptide according to claim 18.
21. (Withdrawn) A method of inducing an immunological response comprising administering to a patient a peptide according to claim 18.

22. (Withdrawn) A vaccine comprising a peptide according to claim 18 in an amount effective to generate an immunological response.

23. (Previously Presented) The isolated antibody according to claim 1 wherein said antibody is a monoclonal antibody.

24. (Withdrawn) A method of diagnosing an infection by a microorganism capable of expressing an Int1p protein comprising introducing an antibody according to claim 12 into a sample suspected of having an infection by an Int1p-producing microorganism and determining the binding of said antibody to said sample.

25. (Withdrawn) A method according to claim 24 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.

26. (Withdrawn) A method of treating or preventing infections caused by microorganisms expressing the Int1p protein comprising administering an effective amount of an agent that inhibits Int1p activity.

27. (Withdrawn) A method according to claim 26 wherein the agent modulates a peptide region or motif from the Int1p protein which is involved in the pathway of activation for the Int1p protein.

28. (Withdrawn) A method according to claim 26 wherein the agent modulates a peptide selected from the group consisting of the propeptide region at amino acids 1-263, the Catalytic domain 1 at amino acids 435-639, the Catalytic domain 2 at amino acids 738-949, and the Processing domain motif at amino acids 1022-1236 of the amino acid sequence depicted in Fig. 1.

29. (Withdrawn) A method according to claim 26 wherein the microorganism is a yeast of the *Candida* species.

30. (Withdrawn) A method according to claim 26 wherein the microorganism is selected from the group consisting of *Candida albicans* and *Saccharomyces cerevisiae*.

31. (New) The isolated antibody according to claim 1 wherein said antibody is capable of inhibiting T lymphocyte activity in a host cell.

32. (New) The isolated antibody according to claim 31 wherein the host cell is selected from the group consisting of epithelial and endothelial cells.